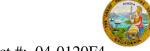
DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection

Bay Area Branch 690 Walnut Ave.St. 150 Vallejo, CA 94592-1133 (707) 649-5453 (707) 649-5493



Contract #: 04-0120F4

Cty: SF/ALA Rte: 80 PM: 13.2/13.9

File #: 69.21

WELDING WITNESS REPORT

Resident Engineer: Pursell, Gary **Report No:** WWR-000431 Address: 333 Burma Road **Date Inspected:** 06-Aug-2007

City: Oakland, CA 94607

Project Name: SAS Superstructure **OSM Arrival Time:** 800 **OSM Departure Time:** 1730 Prime Contractor: American Bridge/Fluor Enterprises, a JV

Contractor: Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China

Witness:	Procee	dure Qualification Record		Welder Qualification		Fracture Critical	
	Weldi	ng	NDT	Mechnical To	esting, describe:		
Index Lot #: B72-054-07a				Witness Lot	#: B71-051-07		
Bridge No: 34-0006			Component:	Bid:52			
Welder: Jiang Xie Hu			ID #:	N/A			
Joint Description: B-U2-S		N/A	WPS ID #:	PWPS-B-T-3221	N/A		
Base Metal:		HPS 485WT2/Z		N/A	PQR ID #:	HP2007147-1	N/A
Thickness:		90 mm		N/A	Process:	SAW	N/A
Electrode Spec/Class: AWS A5.23/ENi5				N/A	Positions:	1-G	N/A
Backing Ma	terial:	A709M-HI	PS-485W	N/A	CWI:	Huang Wei and Xu Bing	N/A
Average Am	ıps:			N/A	AWS Code:	D1.5 2002	N/A
Average Vol	lts:			N/A	Applicable Sec:	5.13	N/A
Travel Speed:			N/A	Heat Input:		N/A	
Preheat:				N/A			

Summary of Items Observed:

The Caltrans Quality Assurance (QA) Inspector was present as requested to witness the mechanical tests for Procedure Qualification record(PQR) test plate using submerged arc welding(SAW) with 4.8 mm diameter electrode, in the 1G (flat) position. The test was performed per AWS D1.5, Section 5.20 requirements. The test results appeared to be in conpliance with the contract documents.

Summary of Conversations:

The QA inspector did not have any relevant conversation regarding the PQR mechanical testing on this date.

is in general conformance with the contract requirements.

Observed welding, testing or results: is not in conformance with the contract requirements.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Mazen Wahbeh, (818) 292-0659, who represents the Office of Structural Materials for your project.

WELDING WITNESS REPORT

(Continued Page 2 of 2)

Inspected By:	Acuna,Alfredo	Quality Assurance Inspector
Reviewed By:	Cuellar,Robert	QA Reviewer